



## Shoe 5.0: Anticipating training needs in the footwear industry

One year after the Erasmus+ Shoe 5.0 project was launched, the consortium is ready to start developing the training content for what will be some of the profiles essential for the footwear manufacturing companies willing to benefit from Industry 5.0 and the principle of new technologies at the service of people. In a recent meeting in São João da Madeira, partners from Belgium (CEC), Italy (Politecnico Calzaturiero), Portugal (ByAR, CTCP and Edit Value Capital Humano), Romania (TUIASI) and Spain (CTCR) validated the four profiles selected which will soon count with the necessary training contents.

As previously mentioned, the objective of this project aims to equip the European footwear sector with the skills needed to meet the challenge of transitioning to a sustainable, people-centred and resilient industry, going beyond efficiency and productivity targets. Thanks to the training contents to be developed on Industry 5.0 (i5.0), workers, managers and directors of SMEs will gain the relevant knowledge to understand and use new technologies, processes and systems to optimise the performance of their businesses.

The initial desk and field research as well as focus groups and questionnaires carried out among experts have highlighted that i5.0 represents a new step and new opportunities for the footwear sector. Among the i5.0 topics identified as relevant for footwear companies, 15 units of learning outcomes have been selected and being developed by the consortium and be part of customised training plans. These units cover various subjects such as Management of Human Resources for Industry 5.0, Artificial Intelligence (AI) in Footwear Industry 5.0, Bio-Inspired Materials and Technologies, Wellbeing in i5.0, Circular Design, Smart Materials and Innovative Processes in Footwear Industry 5.0, Management for Technological Changes, or Ultra and Mass Customisation in relation to the various training needs of current and future workers in the footwear sector.

Each unit of competence contains a complete set of information, including a description of the unit, learning objectives, qualification level (EQF/NQF), learning outcomes based on knowledge and skills, the delivering methodology for the learning content, a detailed programme describing the structure of the unit, and a list of training materials to be used. This multi-dimensional approach ensures a thorough and complete understanding of each unit of competence, facilitating effective teaching and assessment processes.

The training plans will help workers and business leaders to be at the forefront of managing the new technologies, as well as the required skills to support the adoption of new concepts. Furthermore, soon managers and workers will count with a "Training Needs Scanning Tool", under development by the consortium, to make a self-assessment of their i5.0-related knowledge and skills before selecting the training units needed.

The learning units will be available on the project [website](#). In the meantime, you can follow the other progress of the project [there](#).

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